



## Singapore Maths Innovative Learning Experience (SMILE Singapore)

### Primary 3 Content List

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Consolidate your child's foundation on numbers through guided and proper ways to multiply and divide large numbers. Learn through visual examples of different units of measurement and dive deeper into these concepts like Time, Mass and Volume. Your child will develop a deeper appreciation of their applications in different situations around us.

#### Content List

##### Whole Numbers

Title	Synopsis
Lesson 1	Learn about thousands place values.
Lesson 2	Practice questions on thousand place values.
Worksheet 1	Homework for Lessons 1 and 2.
Lesson 3	Comparing and ordering numbers in number patterns.
Lesson 4	Practice comparing and ordering numbers in number patterns.
Worksheet 2	Homework for Lessons 3 and 4.
Lesson 5	Solving word problems involving patterns.
Lesson 6	Adding and subtracting up to 4-digit numbers.
Lesson 7	Practice adding and subtracting of up to 4-digit numbers.
Lesson 8	Practice adding and subtracting of up to 4-digit numbers.
Worksheet 3	Homework for Lessons 5 to 8.
Quiz 1	Recap of Lessons 1 to 8.
Lesson 9	Solving word problems involving addition and subtraction.
Lesson 10	Mental calculation of 2-digit numbers.
Lesson 11	Practice questions on mental calculation of 2-digit numbers.
Worksheet 4	Homework for Lessons 9 and 11.
Lesson 12	Learn 6, 7, 8 and 9 multiplication tables.
Worksheet 5	Homework for Lesson 12.
Lesson 13	Multiplication of 3-digits by 1-digit.
Lesson 14	Practice multiplying 3-digits by 1-digit.
Lesson 15	Practice multiplying 3-digits by 1-digit.
Worksheet 6	Homework for Lessons 13 to 15.
Lesson 16	Division with remainder.
Lesson 17	Practice dividing with remainder.
Lesson 18	Practice dividing with remainder.

Worksheet 7	Homework for Lessons 16 to 18.
Lesson 19	Learn Division algorithm (up to 3-digits by 1-digit).
Lesson 20	Practice questions using division algorithm.
Lesson 21	Practice questions using division algorithm.
Worksheet 8	Homework for Lessons 19 to 21.
Quiz 2	Recap of Lessons 9 to 21.
Lesson 22	Solving word problems involving the four operations.
Lesson 23	Solving word problems involving the four operations.
Lesson 24	Solving word problems involving the four operations.
Lesson 25	Solving word problems involving the four operations.
Lesson 26	Solving word problems involving the four operations.
Lesson 27	Solving word problems involving the four operations.
Lesson 28	Solving word problems using models.
Lesson 29	Identify number patterns.

### Angles

Title	Synopsis
Lesson 1	Learn about angles (right, acute and obtuse angles).
Lesson 2	Practice questions about angles.
Worksheet 1	Homework for Lessons 1 and 2.
Quiz 1	Recap of Lessons 1 and 2.

### Area

Title	Synopsis
Lesson 1	Learn how to find the area of a rectangle and a square.
Worksheet 1	Homework for Lesson 1.

### Fractions

Title	Synopsis
Lesson 1	Equivalent fractions.
Lesson 2	Learn about fractions and equivalent fractions.
Lesson 3	Practice questions on fractions and equivalent fractions.
Lesson 4	Practice questions on fractions and equivalent fractions.
Worksheet 1	Homework for Lessons 1 to 4.
Lesson 5	Express a fraction in its simplest form.
Lesson 6	Practice expressing fractions in the simplest form.
Lesson 7	Practice expressing fractions in the simplest form.
Worksheet 2	Homework for Lessons 5 to 7.
Lesson 8	Compare and order like fractions.
Lesson 9	Compare and order fractions.
Lesson 10	Practice comparing and ordering fractions.
Lesson 11	Practice comparing and ordering fractions.
Worksheet 3	Homework for Lessons 8 to 11.
Lesson 12	Adding and subtracting related fractions.

Worksheet 4	Homework for Lesson 12.
Quiz 1	Recap of Lessons 1 to 12.
Lesson 13	Solving word problems involving fractions.
Lesson 14	Solving word problems involving fractions.

### **Length**

<b>Title</b>	<b>Synopsis</b>
Lesson 1	Conversion between kilometres, metres and centimetres.
Lesson 2	Practice conversion between kilometres, metres and centimetres.
Lesson 3	Practice conversion between kilometres, decimetres, metres, and centimetres.
Worksheet 1	Homework for Lessons 1 to 3.
Quiz 1	Recap of Lessons 1 to 3.
Lesson 4	Solving word problems involving four operations of length.

### **Lines**

<b>Title</b>	<b>Synopsis</b>
Lesson 1	Learn about parallel and perpendicular lines.
Lesson 2	Practice drawing parallel and perpendicular lines on a square grid.
Worksheet 1	Homework for Lessons 1 and 2.
Quiz 1	Recap of Lessons 1 and 2.

### **Mass**

<b>Title</b>	<b>Synopsis</b>
Lesson 1	Reading scales.
Lesson 2	Conversion between kilograms and grams.
Lesson 3	Practice conversion between kilograms and grams.
Worksheet 1	Homework for Lessons 2 and 3.
Quiz 1	Recap of Lessons 1 to 3.

### **Money**

<b>Title</b>	<b>Synopsis</b>
Lesson 1	Adding and subtracting money in decimal notation.
Lesson 2	Practice adding and subtracting money in decimal notation.
Worksheet 1	Homework for Lessons 1 and 2.
Quiz 1	Recap of Lessons 1 and 2.
Lesson 3	Solving word problems involving money.
Lesson 4	Solving word problems involving money.

### **Perimeter**

<b>Title</b>	<b>Synopsis</b>
Lesson 1	Finding the perimeter of rectangles and squares.
Lesson 2	Practice finding the perimeter of rectangles and squares.

Lesson 3	Practice finding the perimeter of rectangles and squares.
Worksheet 1	Homework for Lessons 1 to 3.
Quiz 1	Recap of Lessons 1 to 3.

### **Statistics**

<b>Title</b>	<b>Synopsis</b>
Lesson 1	Reading and interpreting data from bar graphs.
Lesson 2	Practice reading and interpreting data from bar graphs.
Lesson 3	Completing a bar graph from given data.
Lesson 4	Solving problems using information presented in bar graphs.
Worksheet 1	Homework for Lessons 1 to 4.
Quiz 1	Recap of Lessons 1 to 4.

### **Time**

<b>Title</b>	<b>Synopsis</b>
Lesson 1	Learn to use “past” and “to” to tell time.
Lesson 2	Converting hours and minutes to minutes and vice versa. Finding the duration.
Worksheet 1	Homework for Lessons 1 and 2.
Lesson 3	Practice converting hours and minutes to minutes and vice versa. Practice finding the duration.
Lesson 4	Practice converting hours and minutes to minutes and vice versa. Practice finding the duration.
Lesson 5	Practice finding the duration given the start time and end time.
Lesson 6	Practice finding the duration given the start time and end time.
Lesson 7	Practice finding the start time, end time or duration.
Lesson 8	Practice finding the start time, end time or duration.
Lesson 9	Practice finding the start time, end time or duration.
Worksheet 2	Homework for Lessons 3 to 9.
Quiz 1	Recap of Lessons 1 to 9.

### **Volume**

<b>Title</b>	<b>Synopsis</b>
Lesson 1	Conversion between litres and millilitres.
Lesson 2	Practice conversion between litres and millilitres.
Worksheet 1	Homework for Lessons 1 and 2.
Quiz 1	Recap of Lessons 1 and 2.